

**State of Utah****Department of
Natural Resources**

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Executive Director

**Division of
Oil, Gas & Mining**

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November 6, 2006

Mike Glasson, Environmental Coordinator
Andalex Resources, Inc.
P.O. Box 1077
Price, Utah 84501

Subject: Elimination of Sediment Basin B, Task ID #2641, Andalex Resources, Inc.,
Centennial Mine, C/007/0019

Dear Mr. Glasson:

Our technical staff has reviewed the Elimination of Sediment Pond B, Task ID #2641. The application was received on September 9th, 2006.

Before the Division can approve this amendment, the Permittee must provide the information outlined in the attached deficiencies, in accordance with the R645 Coal Mining Rules cited. For clarification or more information, you can contact the Division specialist whose initials are at the end of each deficiency.

pwb	Priscilla Burton	(435) 613-1146 ext.207
skc	Steve Christensen	(801) 538-5350
whw	Wayne Western	(801) 538-5263

Technical Memos prepared by each of the reviewers are available upon request. In order for us to continue to process your application, please respond to these deficiencies by December 5, 2006. If you have any questions, please call me at (801) 538-5286, or Steve Christensen at (801) 538-5350.

Sincerely

A handwritten signature in cursive script that reads "D. Wayne Hedberg".

D. Wayne Hedberg
Permit Supervisor

skc
Attachment
cc: Price Field Office
O:\007019.CEN\FINAL\WG2641\WG#2641 Deficiency Letter2.doc

Deficiency List

Task ID #2641 Elimination of Sediment Pond B

R645-301-231.100, The soil survey indicates a potential of 26 inches of topsoil salvage adjacent to the road and in the material storage area. The plan should give an indication of proposed topsoil removal depth as well as subsoil removal (if any) from the roadside at the existing material storage area and from beneath the waste rock slope, as well as an estimate of the volume of topsoil material to be stored and location of storage. [pwb]

R645-301-121.100, The plan must indicate the area of increased disturbance. [pwb]

R645-301-536.400, The plan does not indicate the volume of rock and soil to be cut and placed in catch basin B. The waste was last sampled in 1981, but as waste rock oxidizes, the concentrations of acid forming material may have changed over time. Therefore, the plan should include sampling of the waste as it is placed in catch basin B for acid/toxic parameters, in particular pH, EC, and SAR, Se and B. [pwb]

R645-301-541, the plan must include a description of the reclamation of the facilities and the cut slope created by construction of the administration/bathhouse. [pwb]

R645-301-528.400, The Permittee needs to remove references to Plate 11 (Catch Basin B As Constructed) as well as references to Sediment basin B within the approved MRP. There are several areas within the approved MRP that contain such references (See Below). Upon final approval of the proposed amendment and it's subsequent incorporation into the MRP, Plate 11 will need to be removed from the plan. [skc]

- On page 5-35 of the approved MRP under Safety Precautions, the Permittee refers to Plate 11. Plate 11 is an as-built drawing for "Catch Basin B". As sediment basin B will be removed, Plate 11, as well as any reference to Plate 11, needs to be removed from the MRP.
- Page 7-2 of the approved MRP refers to ponds "001 and 003". The Permittee should clarify what ponds they are referring to as the ponds depicted and referred to throughout the text of the MRP, as well on the approved plates use an alphabetic naming convention for the ponds (i.e. Pond C). It is unclear as to which ponds are 001 and 003.
- Page 7-8 of the approved MRP makes reference to sediment pond B in the second paragraph of phase one under Post Mining Hydrology. The reference to sediment pond B needs to be removed.
- Page 7-11 of the approved MRP references plate 11 under Safety Precautions. The reference to Plate 11 should be removed from the MRP.

R645-301-731, The application does not meet the Maps, Plans and Cross Sections of Mining Operations requirements for Mining Facilities Maps. The Permittee should provide a commitment to produce as-built construction maps of the proposed parking lot addition including, but not limited to, the depiction of the alterations to drainage ditch DD-10, culvert CD-19 (with invert elevations), as well as the final drainage controls and elevations for the proposed parking lot. [skc]

R645-301512.120, The Permittee must have the map certification done properly. The Permittee must have each map individually stamped and signed. The stamp must be original and an electronic stamp is adequate. Each signature must be original and across the stamp.
[whw]